

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-824 Rev. A

REF. TCCA STC: SH96-88

REF. FAA STC: SR00563NY

REF. EASA STC: EASA.IM.R.S.01303

REF. JAPANESE STC: STC-55-1-TYO

1.0 PURPOSE:

The purpose of this Dart Service Instruction is to provide customers with D412-824-011 step at change 001 with instructions to mount the step on skidtubes with narrow ground handling lug configuration. On D412-824-011 step at change 002 and subsequent, the D4630-1 cover has been modified to include two additional mounting holes to accomodate both narrow and wide lug configurations.

2.0 PARTS LIST:

There is no change to the parts list.

3.0 WEIGHT AND BALANCE:

There is a negligible weight and balance change associated with this modification.

4.0 PROCEDURE:

- 4.1 Remove skid tube step per section 3.2 of IIN-D412-824.
- 4.2 Place skidtube step on suitable working surface and remove D4630-3 center mounting bracket and associated hardware from D4630-1 cover.
- 4.3 Drill two $\varnothing 0.266$ holes throught the cover and countersink $\varnothing 0.53$ at 100° as per Figure 1 of this service instruction. Deburr holes to remove all sharp edges and touch up hole with Alodine 1200/1201 per MIL-C-5541.
- 4.4 Reinstall D4630-3 center mount into new holes using existing hardware and torque to 50-70 in-lbs.
- 4.5 Reinstall skidtube step per section 3.1 of IIN-D412-824.

5.0 INSTALLATION CHANGES

Changes to IIN-D412-824 Installation / Removal procedures are as follows:

IS

- 3.1.1 Ensure the middle D4630-3 step mount is installed in the correct hole position in reference to the skidtube ground handling lug configuration. The step is shipped with the middle D4630-3 bracket installed for the wide ground handling lug spacing. To re-configure to the narrow ground handling lug spacing, remove D4630-3 bracket and re-install in the other set of holes. Torque bolts to 50-70 in-lbs.

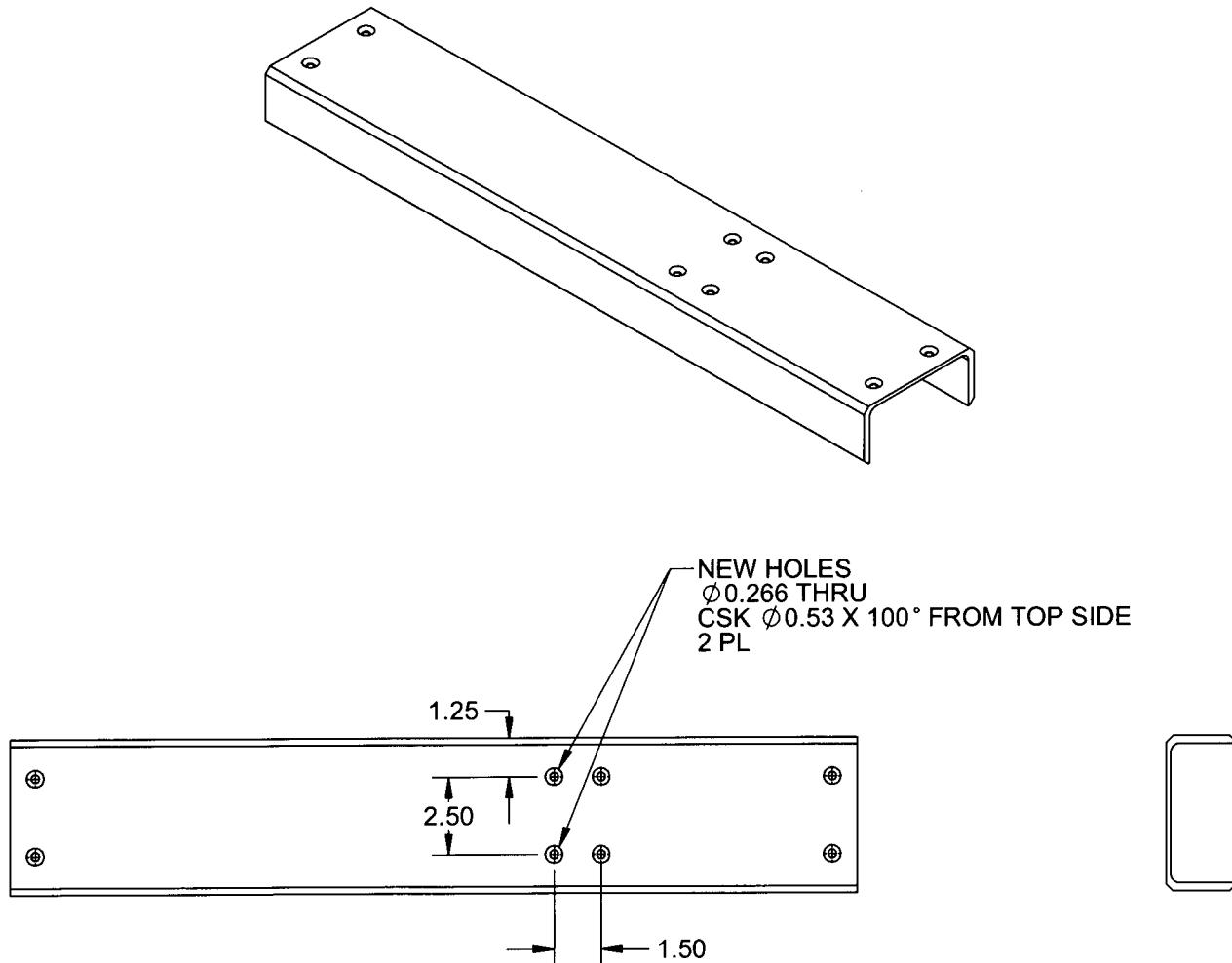
WAS

- 3.1.1 Ensure Ground Handling Lugs are installed to give wide lug spacing.

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	
D. SHEPHERD (DE # 02)	
DATE:	13.10.30
CERT. NO.:	SH96-88
ISSUE NO.:	1

A	NEW ISSUE	ML	13.10.28
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9664	SHEET 1 OF 2
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FIGURE 1.
REFERENCE FOR DRILLING NEW HOLES IN COVER D4630-1



CANADA	
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AIRCRAFT CERTIFICATION	
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MFG. APPR.	N/A	DSI 9664	SHEET 2 OF 2
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STEP MODIFICATION

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